

1	2/12/04	ADDED COORDINATES FOR BEGINNING/ENDING OF PROJECT
NO.	DATE	REVISION

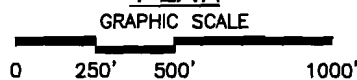
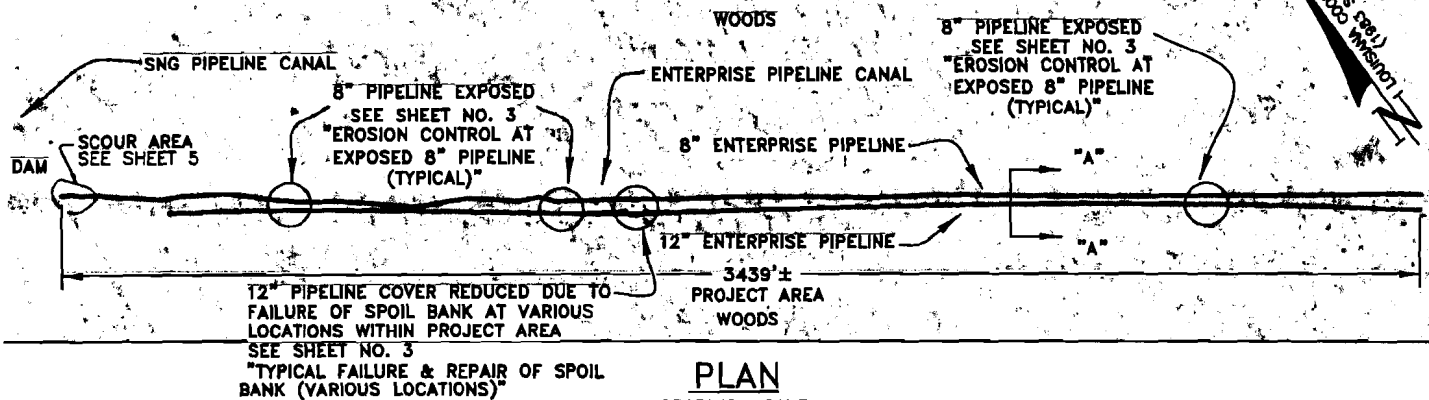
SORRENTO PIPELINE COMPANY, LLC

PROPOSED PROTECTION FOR
EXISTING 8" AND 12" PRODUCTS PIPELINES
IN SECTIONS 5 AND 8, T10S-R8E
ST. MARTIN PARISH, LOUISIANA
PIPELINE AND BANK STABILIZATION PROJECT

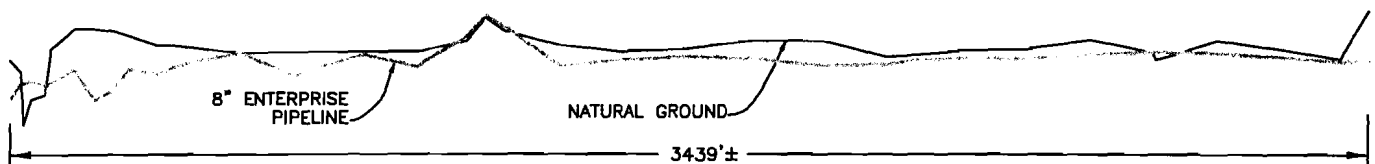


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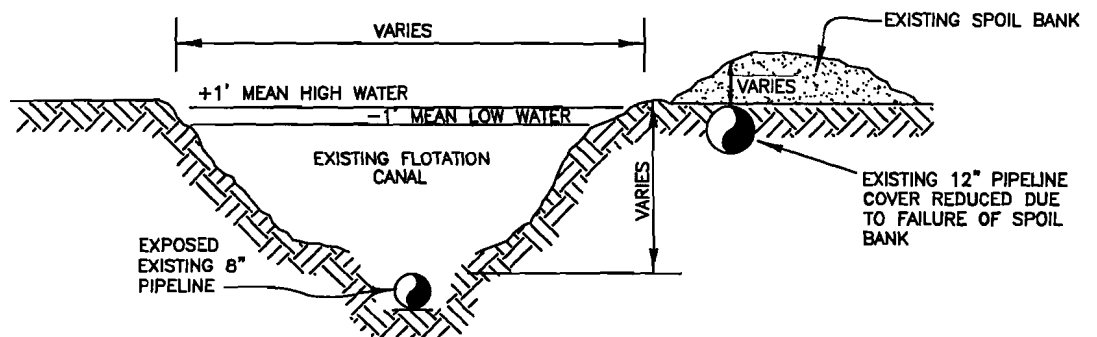
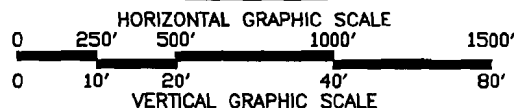
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WATER LEVEL ELEV. 0.0



PROFILE



SECTION "A" - "A" (TYPICAL)

3	6/25/2007
NO.	DATE

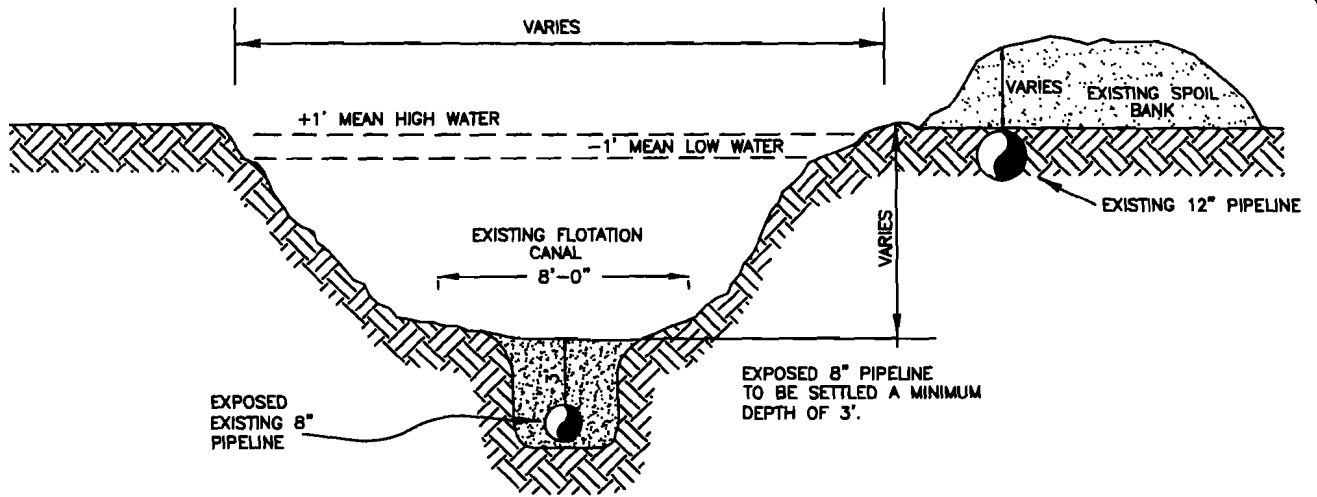
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PLAN, PROFILE & SECTION "A" - "A"

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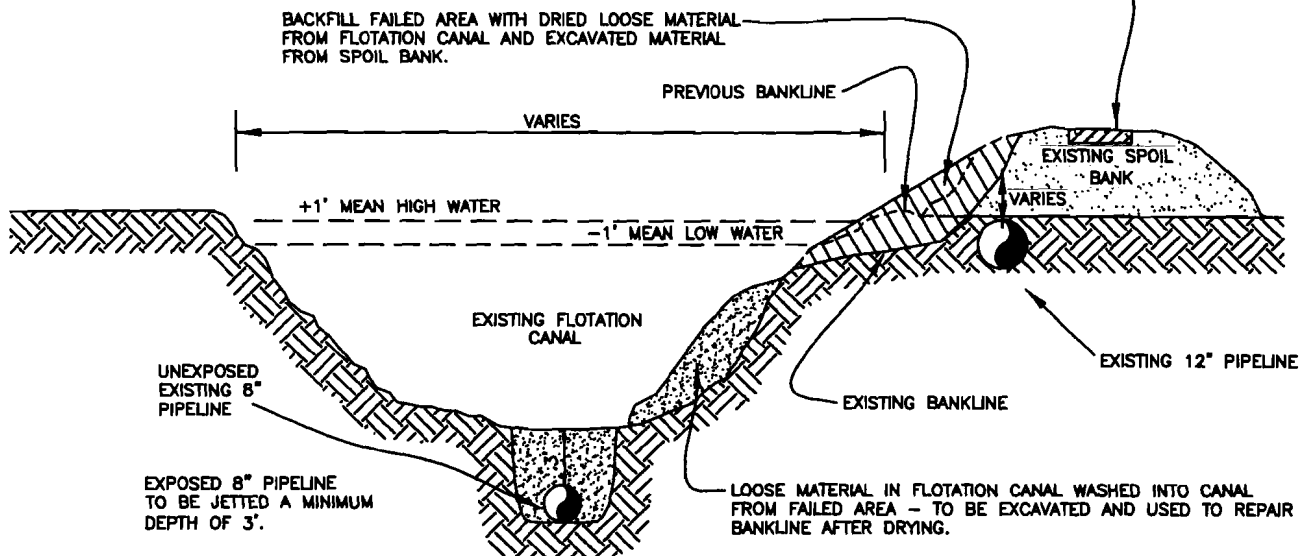
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EROSION CONTROL AT EXPOSED 8" PIPELINE (TYPICAL)

LOOKING SOUTHEASTERLY
N-T-S

MATERIAL FROM SPOIL BANK TO BE USED AS BACKFILL FOR FAILED AREA. (3'W x 6"TH) USED TO SUPPLEMENT LOOSE MATERIAL FROM FLOTATION CANAL.



TYPICAL FAILURE & REPAIR OF SPOIL BANK (VARIOUS LOCATIONS)

LOOKING SOUTHEASTERLY
N-T-S

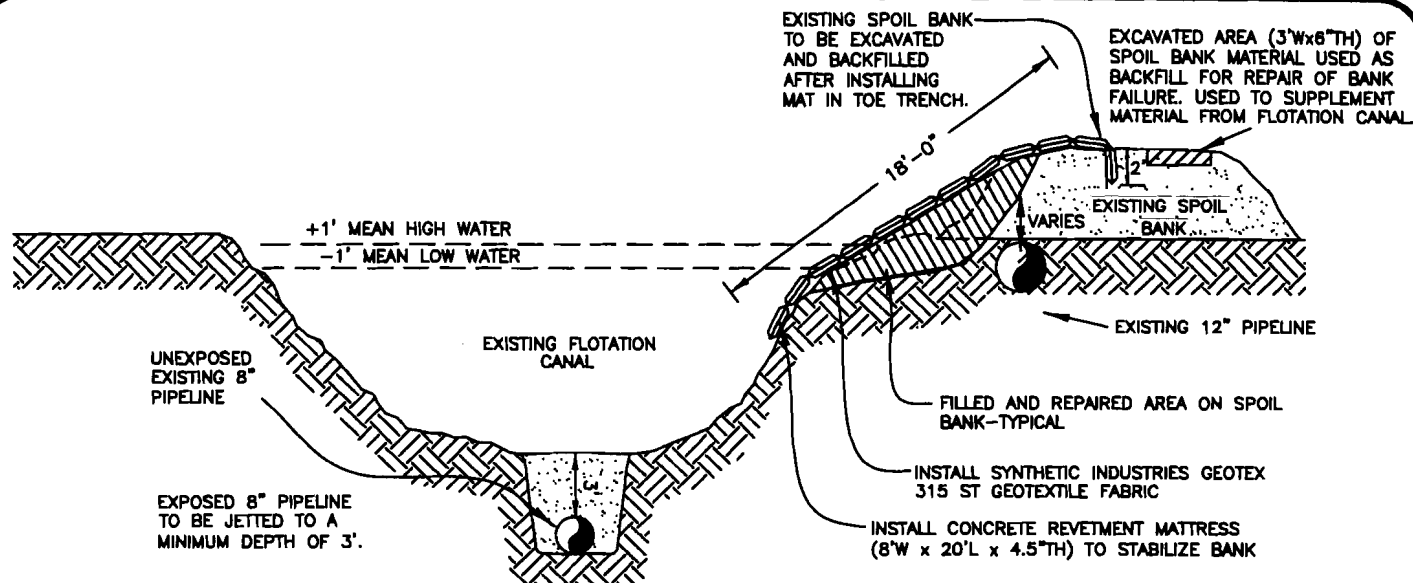
3	6/22/2007	
NO.	DATE	REVISION

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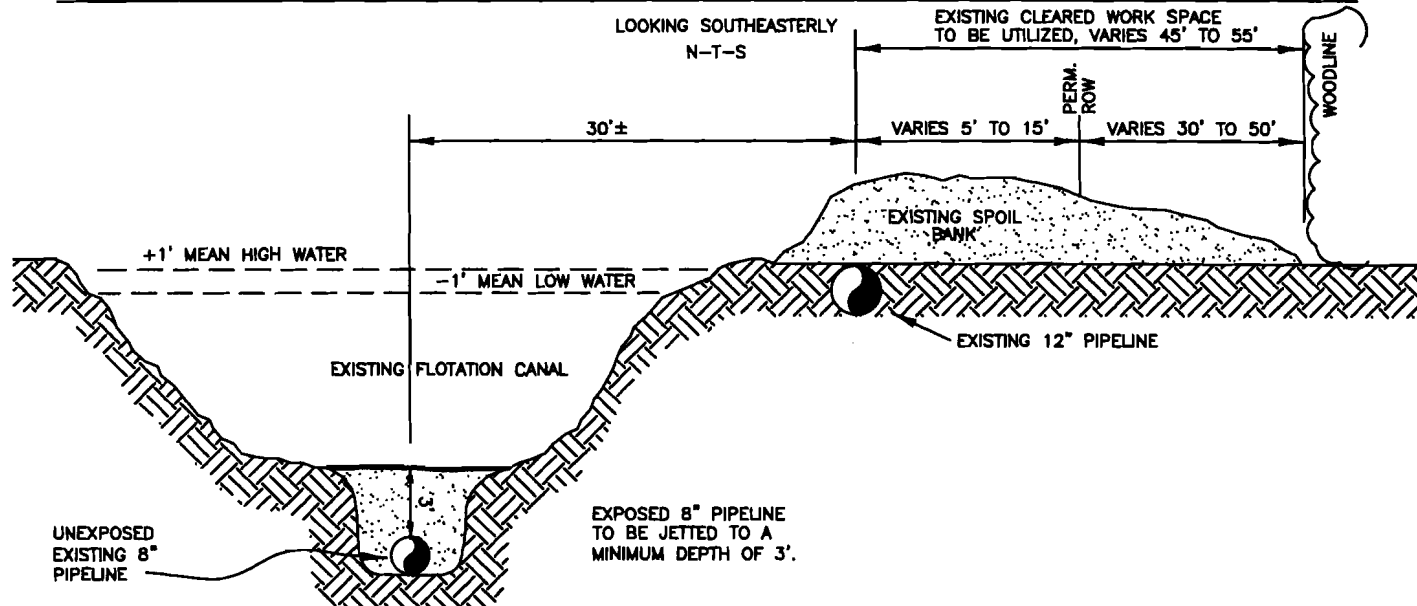
DETAILS

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TYPICAL INSTALLATION OF EROSION CONTROL ON REPAIRED SPOIL BANK



WORKSPACE REQUIREMENTS FOR REPAIR OF SPOIL BANK AND PLACEMENT OF EROSION CONTROL MATTING

LOOKING SOUTHEASTERLY
N-T-S

3	6/22/2007
NO.	DATE

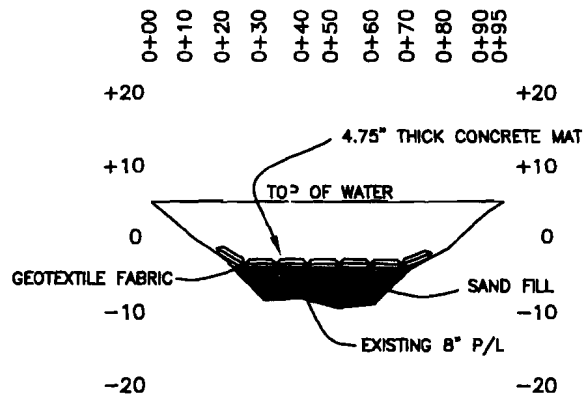
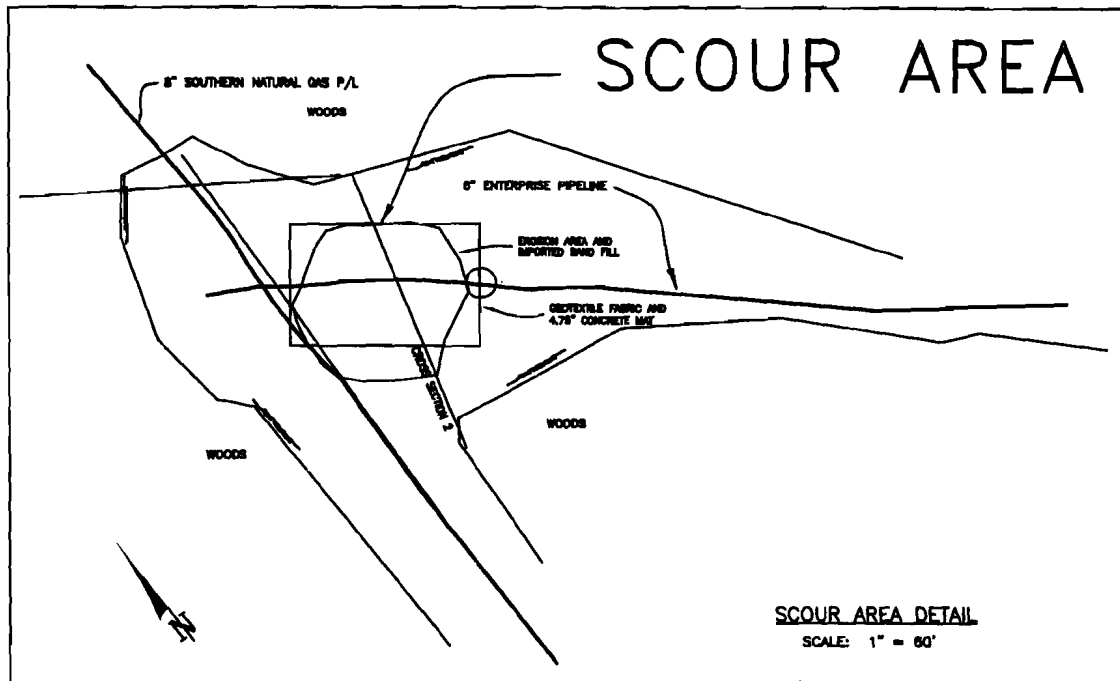
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CROSS SECTION 2 (EROSION AREA)

HOR. SCALE 1"=30' VER. SCALE 1"=25'

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NO.	DATE

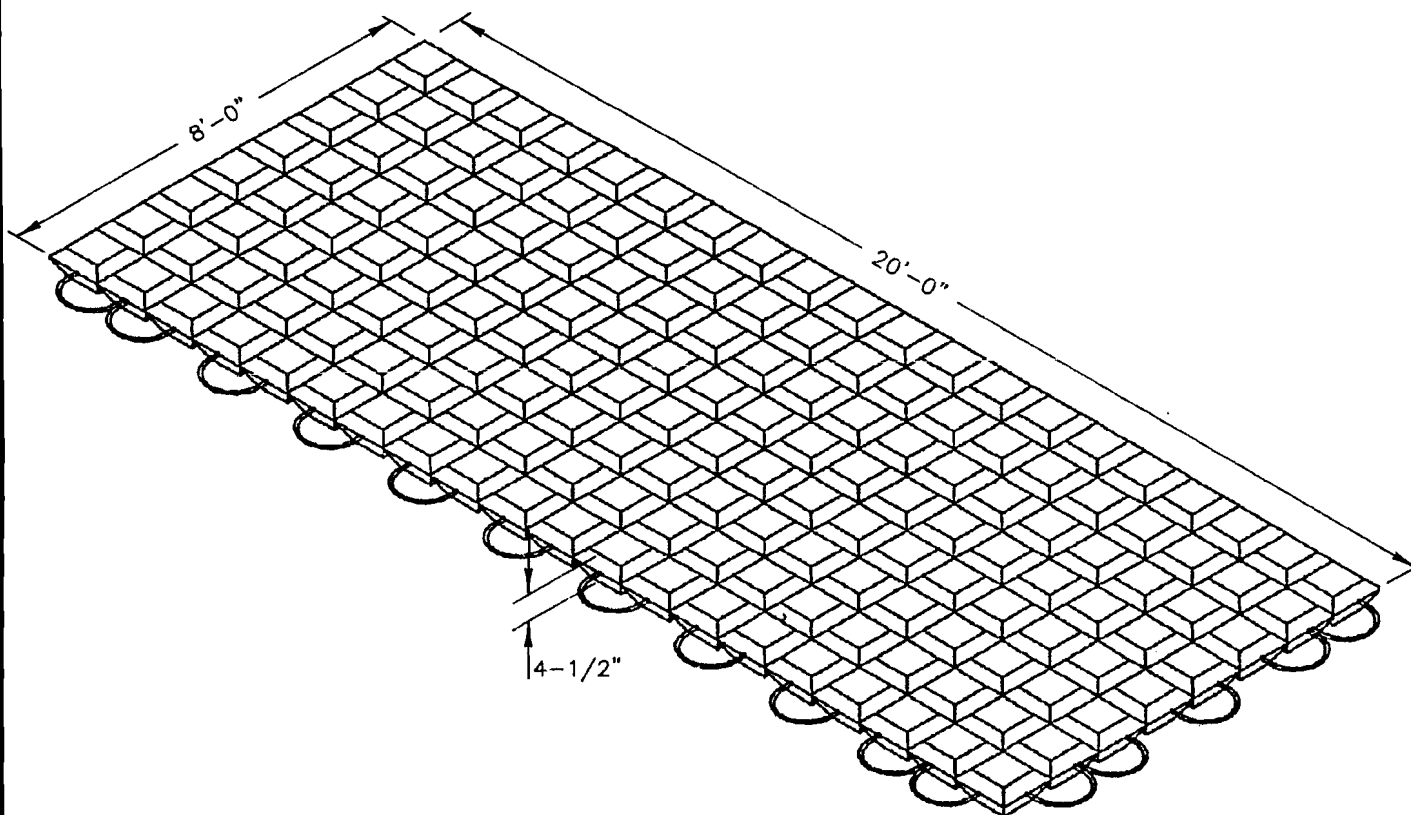
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SCOUR AREA - DETAILS

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CONCRETE MATTRESS-TYPICAL

NO.	DATE	REVISION
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CONCRETE MATTRESS DETAIL

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CAD FILE: 7680COE0006A0			

SCOPE OF WORK

1. COATING OF EXISTING 8" PIPELINE TO BE EXAMINED BY DIVERS.
2. COATING TO BE REPAIRED AS NECESSARY, EITHER IN WET OR DRY ENVIRONMENT.
3. APPROXIMATELY 500 CUBIC YARDS OF MATERIAL WILL BE DISPLACED DURING JETTING OPERATIONS.
4. EXISTING 8" PIPELINE WILL BE JETTED TO A MINIMUM DEPTH OF 3' IN ORDER TO PROVIDE ADEQUATE COVERAGE.
5. SPOIL BANK TO BE REPAIRED AND THEN PROTECTED WITH CONCRETE MATS OR SOME OTHER TYPE OF EROSION CONTROL PRODUCTS ALONG SOUTHERN BANKLINE. A TOTAL OF 3200 LF (400 MATS) OF BANK TO BE MATTED.
6. APPROXIMATELY 4000 CUBIC YARDS OF MATERIAL TO BE REMOVED FROM FLOTATION CANAL OR SPOIL BANK FOR THE REPAIR OF THE BANKLINE.
7. APPROXIMATELY 600 CUBIC YARDS OF IMPORTED SAND FILL WILL BE PLACED IN SCOUR AREA AND OVERLAIN WITH 15 CONCRETE MATS.


NOTES

1. IN ORDER TO ENSURE THE SAFETY OF ALL PARTIES, THE PERMITTEE'S CONSTRUCTION CONTRACTOR SHALL CONTACT THE LOUISIANA ONE-CALL SYSTEM (1-800-272-3020) A MINIMUM OF 48 HOURS PRIOR TO THE COMMENCEMENT OF ANY EXCAVATION (DIGGING, DREDGING, JETTING, ETC.) OR DEMOLITION ACTIVITY.

3	6/22/2007	
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SCOPE OF WORK & NOTES



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